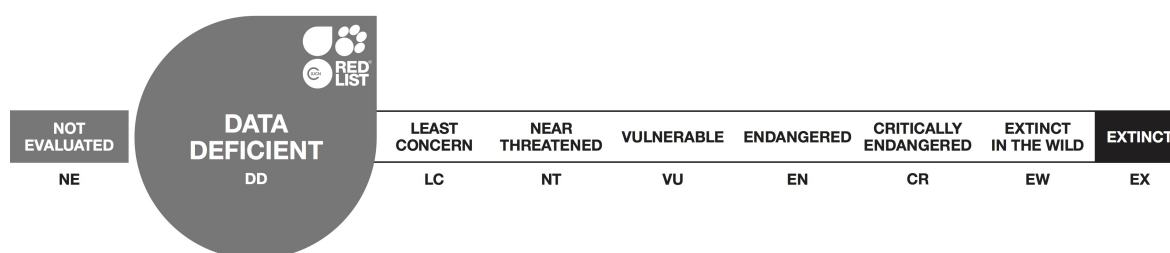


Pittosporum gracile

Assessment by: Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L.



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Plantae	Tracheophyta	Magnoliopsida	Rosales	Pittosporaceae

Taxon Name: *Pittosporum gracile* Pancher ex Brongn. & Gris

Taxonomic Source(s):

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Assessment Information

Red List Category & Criteria: Data Deficient [ver 3.1](#)

Year Published: 2017

Date Assessed: July 23, 2015

Justification:

Pittosporum gracile is an endemic small tree of New Caledonia, which under current taxonomic delimitation, is largely distributed from the north to the south of Grande Terre and is also on Ile des Pins. Nevertheless current phylogenetic studies suggest that subpopulations from Belep, Pouembout, Tiébaghi and the populations in Toutouta may represent different species. *Pittosporum gracile* is thus classified under Data Deficient category until taxonomic delimitation of this complex is clarified.

Geographic Range

Range Description:

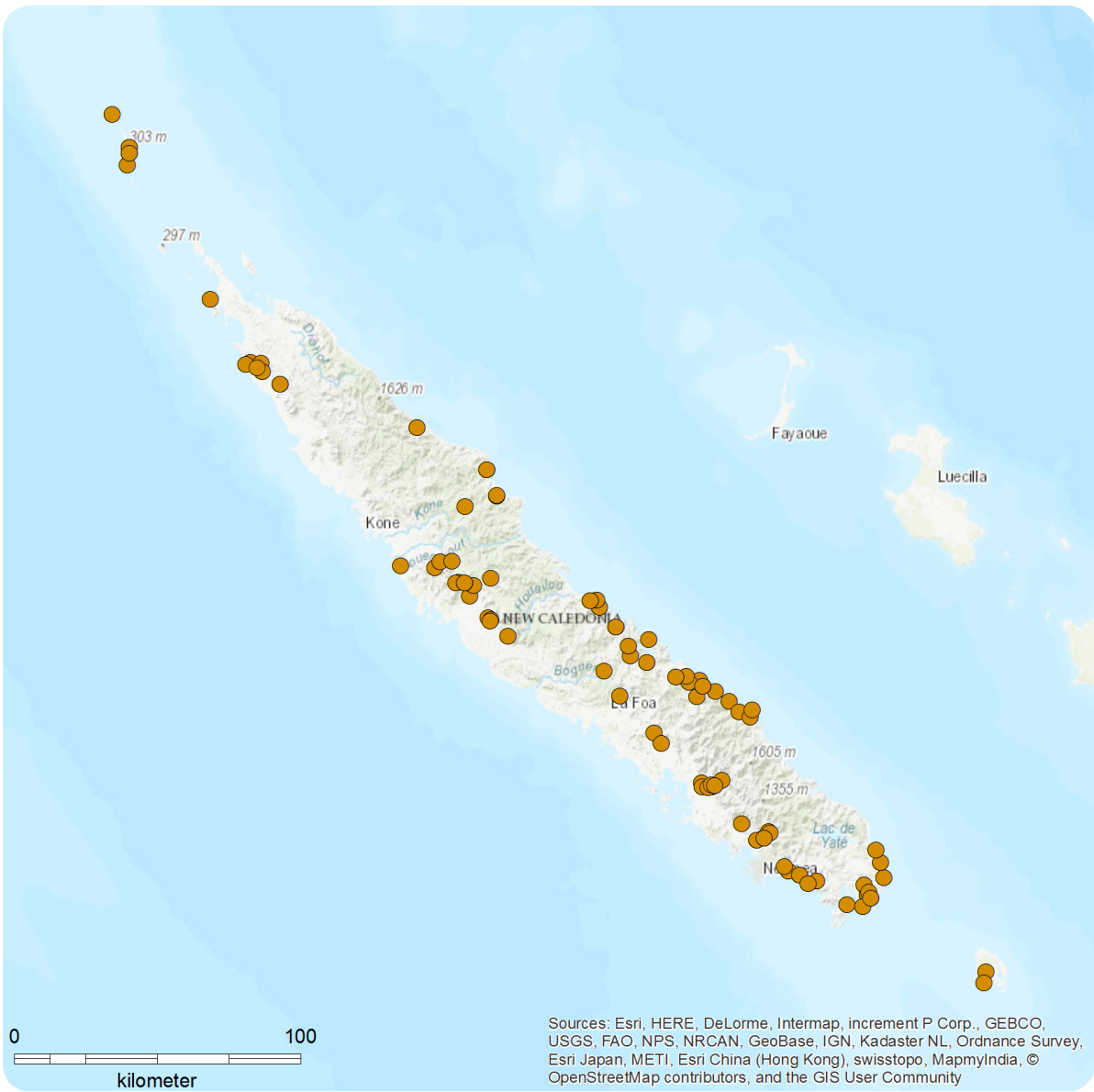
Pittosporum gracile is an endemic shrub of New Caledonia, largely distributed from the north to the south of Grande Terre but also on Ile des Pins.

Country Occurrence:

Native: New Caledonia

Distribution Map

Pittosporum gracile



Range

- Extant (resident)

Compiled by:

IUCN SSC New Caledonia Plants RLA



Population

Population size is unknown.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

Pittosporum gracile is found mainly in dense humid forest but also in shrubland, almost always on ultramafic substrates and more rarely on schist.

Systems: Terrestrial

Threats (see Appendix for additional information)

Pittosporum gracile does not appear affected by any kind of threat with the exception of mining activities which may impact a few subpopulations.

Conservation Actions (see Appendix for additional information)

Pittosporum gracile is not protected by legislation. Nevertheless this species occurs in many protected areas: réserve naturelle de la Nodéla, réserve naturelle de la Haute Dumbéa, réserve naturelle de la Forêt Nord and also réserve naturelle du Cap N'Dua. To assess its risk of extinction, it is both critical and urgent that phylogenetic and morphological studies focus on this complex, to describe species and subspecies currently brought together under the species *P. gracile*.

Credits

Assessor(s): Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L.

Reviewer(s): Tanguy, V.

Facilitators(s) and Compiler(s): Chanfreau, S.

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Endemia.nc. 2016. Faune et Flore de Nouvelle-Calédonie. Available at: <http://www.endemia.nc>.

IUCN. 2017. The IUCN Red List of Threatened Species. Version 2017-3. Available at: www.iucnredlist.org. (Accessed: 7 December 2017).

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Citation

Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L. 2017. *Pittosporum gracile*. *The IUCN Red List of Threatened Species 2017*: e.T82947376A82951797. <http://dx.doi.org/10.2305/IUCN.UK.2017-3.RLTS.T82947376A82951797.en>

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External Resources

For [Images and External Links to Additional Information](#), please see the Red List website.

Appendix

Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
1. Forest -> 1.6. Forest - Subtropical/Tropical Moist Lowland	-	Suitable	-
3. Shrubland -> 3.5. Shrubland - Subtropical/Tropical Dry	-	Suitable	-

Threats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Threat	Timing	Scope	Severity	Impact Score
3. Energy production & mining -> 3.2. Mining & quarrying	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation		

Conservation Actions in Place

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: Yes
Invasive species control or prevention: No
In-Place Species Management
Successfully reintroduced or introduced benignly: No
Subject to ex-situ conservation: No

Research Needed

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Research Needed
1. Research -> 1.1. Taxonomy

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 348
Continuing decline in area of occupancy (AOO): Unknown
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 19697
Continuing decline in extent of occurrence (EOO): Unknown
Extreme fluctuations in extent of occurrence (EOO): No
Continuing decline in number of locations: Unknown
Extreme fluctuations in the number of locations: No
Lower elevation limit (m): 1
Upper elevation limit (m): 850
Population
Continuing decline of mature individuals: Unknown
Extreme fluctuations: No
Population severely fragmented: No
Extreme fluctuations in subpopulations: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Unknown
Generation Length (years): 0

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